

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Attorney Docket No. 5649-944

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled INTEGRATED CIRCUIT DEVICES HAVING DELAY CIRCUITS FOR CONTROLLING SETUP/DELAY TIMES OF DATA SIGNALS THAT ARE PROVIDED TO MEMORY DEVICES AND METHODS OF OPERATING SAME.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

2001-8141	Korea	02/19/2001	[X] Yes [] No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			[] Yes [] No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			[] Yes [] No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

ENGLISH LANGUAGE DECLARATION CONTINUED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Customer Number 20792



PATENT TRADEMARK OFFICE

I hereby authorize the above-named attorneys to accept and follow instructions from my Korean or United States representatives, Samsung Electronics, as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the above-named attorneys and myself. In the event of a change in the persons from whom instructions may be taken, I will notify the above-named attorneys.

Send correspondence to: D. Scott Moore

20792

PATENT TRADEMARK OFFICE

Direct telephone calls to: D. Scott Moore

(919) 854-1400

Facsimile: (919) 854-1401

Full name of first joint inventor: Young-man Ahn

Signature: Young-man Ahn V Date: 1/28/2002 V

Residence: Kyungki-do, Republic of Korea

Citizenship: Republic of Korea

Post Office Address: San7-1, Nongseo-ri, Kiheung-eub, Yongin-city

Kyungki-do, Republic of Korea

ENGLISH LANGUAGE DECLARATION CONTINUED

run name of second joint inventor.	3111-110 30
Inventor's Signature: $5m + 6 $ $5o$	Date: 01/18/02
Residence:	Kyungki-do, Republic of Korea
Citizenship:	Republic of Korea
Post Office Address:	301-201, Gunyoung Villa, 113, Bundang-dong Bundang-gu, Sungnam-city, Kyungki-do Republic of Korea
Full name of third joint inventor:	Byung-se So
Inventor's Signature: BYUNG SE	50 Date: 01/18/02
Residence:	Kyungki-do, Republic of Korea
Citizenship:	Republic of Korea
Post Office Address:	130-701, KOLON Apt., 330, Yatap-dong Bundang-gu, Sungnam-city, Kyungki-do Republic of Korea
Full name of fourth joint inventor:	Seung-jin Seo
Inventor's Signature: Seung-Jin SED	Date: 01/58/02
Residence:	Kyungki-do, Republic of Korea
Citizenship:	Republic of Korea
Post Office Address:	3-406, Sunkyung Apt., 163, Ingye-dong, Paldal-gu Suwon-city, Kyungki, do, Republic of Korea